

Claims

1. A multifunctional electrosurgery pencil for use with an energy source comprising:

a bipolar electrode;

a handpiece with means for connecting said bipolar electrode to said energy source;

telescopic member means coupled to said bipolar electrode and said handpiece for adjusting the length of said bipolar electrode; and

smoke evacuation means coupled to said bipolar electrode for removing smoke and debris produced during a medical procedure using said electrosurgery pencil and energy source.

2. The multifunctional electrosurgery pencil of Claim 1 wherein said energy source is an electrosurgery unit.

3. The multifunctional electrosurgery pencil of Claim 1 further comprising means for effectuating at least one of alternate and simultaneous suction and irrigation functions.

4. The multifunctional electrosurgery pencil of Claim 3 wherein said energy source is an electrosurgery unit.

5. A multifunctional electrosurgical pencil apparatus for use with an electrosurgery unit comprising:

monopolar cutting and coagulation means for cutting and coagulation in a medical procedure;

bipolar cutting and coagulation means for bipolar cutting and coagulation and monopolar/bipolar cutting and coagulation during said medical procedure;

smoke evacuation means coupled to said monopolar and bipolar cutting and coagulation means for removing smoke, fluids and debris produced during said medical procedure; and

telescopic member means coupled to said monopolar and bipolar cutting and coagulation means and to at least one of said smoke evacuation means and a suction/irrigation means thereby allowing a position of the monopolar and bipolar cutting and coagulation means to be adjusted along a length of said multifunctional electrosurgical pencil apparatus.

6. The multifunctional electrosurgical pencil apparatus of Claim 5 wherein said pencil apparatus is used for both open and closed laparoscopic and endoscopic procedures.

7. A telescopic suction/irrigation apparatus for use with an energy source comprising:

a handpiece member having an open distal end and an open proximal end connected by a channel, at least one electrical contact located along an interior length of said handpiece member and connection means for connecting said handpiece member to said energy source for alternately activating suction and irrigation functions;

an elongated hollow tubular member having distal and proximal open ends wherein said distal open end of said elongated hollow tubular member is introduced into the open proximal end of said handpiece such that said elongated hollow tubular member is concentrically retained within the channel of said handpiece; and

locking means for locking said elongated hollow tubular member within said handpiece member at a predetermined length.

8. The telescopic suction/irrigation apparatus for use with an energy source of claim 7 further comprising means for performing at least one of cutting, coagulation, and argon beam coagulation.

9. A telescopic suction/irrigation apparatus for use with an energy source comprising:

a handpiece member having an open distal end and an open proximal end connected by a channel, at least one electrical contact located along an interior length of said handpiece member and connection means for connecting said handpiece member to said energy source to effectuate at least one of the alternate and simultaneous activation of suction and irrigation functions;

a double channeled telescopic tube having a distal end and a proximal open end which are joined by an inner channel and an outer channel, wherein said distal open end of said double channeled tube is introduced into the open proximal end of the handpiece member such that the double channeled telescopic tube is concentrically retained within the channel of the handpiece;

a connection means comprising a singular elongated tube having an open distal end and an open proximal end, and a multi-connector piece, wherein the open proximal end of said singular elongated tube is seated within the multi-connector piece and the open distal end of said singular elongated tube is introduced into the proximal open end of the inner channel of said double channeled telescopic tube such that the singular elongated tube is concentrically retained within the inner channel of the double channeled telescopic tube, and wherein the open proximal end of said handpiece member is connected to said multi-connector piece which has a separate entrance port for irrigation and a separate exit port for suctioning; and

locking means for locking said double channeled telescopic tube within said handpiece member at a predetermined length.

10. The telescopic suction/irrigation apparatus of claim 9 further comprising means for performing at least one of cutting, coagulation, and argon beam coagulation.